



#22 E  
Ld

PATENT  
51270-245583

4/25/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Y. YOSHIOKA, ET AL. )  
Serial No: 09/181,021 )  
Filed: October 27, 1998 )  
For: CONVERTING APPARATUS OF )  
VOICE SIGNAL BY MODULATION OF )  
FREQUENCIES AND AMPLITUDES )  
OF SINUSOIDAL WAVE )  
COMPONENTS )

Art Unit: 2641  
Examiner: A. ARMSTRONG

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents  
Washington D.C. 20231, on

April 16, 2003

Date of Deposit

James M. Wakely

Name

James M. Wakely

Signature

04/16/2003  
Date

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

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APR 24 2003

Technology Center 2600

Dear Sir:

In response to the Office Action dated January 16, 2003 in connection with the above-identified application, please enter and consider the following amendment and remarks.

04/23/2003 EHAILE1 00000012 09181021

01 FC:1201 420.00 DP  
02 FC:1202 36.00 DP